

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number  
**WO 2004/056394 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 45/06**,  
31/365, 31/4439

(GB). THOMPSON, Mervyn [GB/GB]; GlaxoSmithK-  
line, New Frontiers Science Park South, Third Avenue,  
Harlow, Essex CM19 5AW (GB).

(21) International Application Number:  
PCT/EP2003/014776

(74) Agent: GIDDINGS, Peter, John; GlaxoSmithKline, Cor-  
porate Intellectual Property (CN925.1), 980 Great West  
Road, Brentford, Middlesex TW8 9GS (GB).

(22) International Filing Date:  
17 December 2003 (17.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0229808.1 20 December 2002 (20.12.2002) GB

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,  
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): GLAXO  
GROUP LIMITED [GB/GB]; Glaxo Wellcome House,  
Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(84) Designated States (*regional*): ARIPO patent (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,  
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): BOUNTRA, Cha-  
ranjit [GB/GB]; GlaxoSmithKline, New Frontiers Science  
Park South, Third Avenue, Harlow, Essex CM19 5AW  
(GB). DAVIS, John, Beresford [GB/GB]; GlaxoSmithK-  
line, New Frontiers Science Park South, Third Avenue,  
Harlow, Essex CM19 5AW (GB). RAMI, Harshad, Kan-  
tillal [GB/GB]; GlaxoSmithKline, New Frontiers Science  
Park South, Third Avenue, Harlow, Essex CM19 5AW

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: COMBINATIONS OF A VANILLOID ANTAGONIST AND AN NSAID FOR THE TREATMENT OF PAIN

(57) Abstract: A method of treating conditions associated with pain and alleviating the symptoms associated therewith which com-  
prises administering to a mammal, including man, a vanilloid VR-1 antagonist or a pharmaceutically acceptable derivative thereof  
and an NSAID or a pharmaceutically acceptable derivative thereof, wherein said VR-1 antagonist or said NSAID may optionally be  
administered as a sub-maximal amount.

WO 2004/056394 A1